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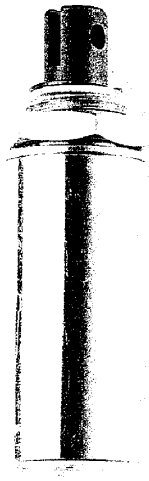
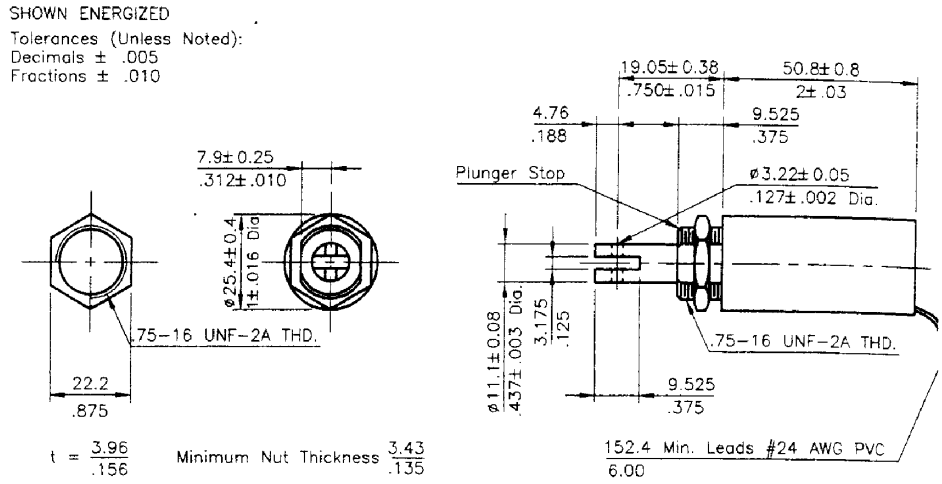
SMT-2551L

TUBULAR SOLENOID

Jameco Part Number 215141

OUTLINE DRAWING UNIT = mm / inch





ORDERING INFORMATION

SMT-25 51 L 06 A

- SUN MAGNET
- Tubular Solenoid
- Case dia (mm)
- Frame length (mm)
- L : Pull Type
- Voltage (Duty Cycle 100%)
  - 06 : DC6V 24 : DC24V
  - 12 : DC12V 48 : DC48V
- Specification
  - A : SUN MAGNET standard
  - B to Z : Special design

PERFORMANCE (atinitial value)

Item \ Type	SMT-2551L
Insulation grade	Class E(120℃)
Temperature rise	100deg.Max.(at continuous duty.)
Insulation resistance	More than 100MΩ on a DC 500V megger (at normal temperature and normal humidity)
Dielectric strength	AC1000V, 50/60Hz, 1 minute (at normal temperature and normal humidity)
Operating temp. range	-20℃ ~ + 40℃
Life expectancy	2,000,000 cycles
Plunger weight	43g/1.52oz
Total weight	178g/6.28oz

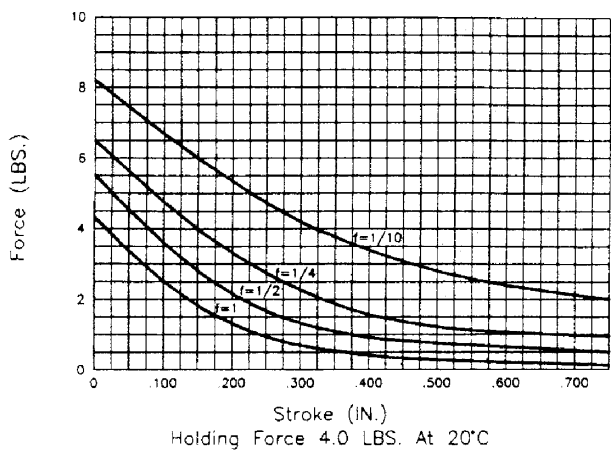
COIL SPECIFICATION (at 20℃)

Coil Sensitivity	Duty Cycle (%)	Nominal Voltage (VDC)	Nominal Current (mA)	Coil Resistance (Ω)± 10%	Power Consumption (W)	Ampere Turns (AT)	Maximum "ON"time (SEC)
SMT-2551L06A	100% Continuous	6	1667	3.6	10.0	abt. 1034	∞
	50% or less	8.5	2353		20.0	abt. 1459	360
	25% or less	12	3333		40.0	abt. 2066	32
	10% or less	19	5263		100.0	abt. 3263	8
SMT-2551L12A	100% Continuous	12	833	14.4	10.0	abt. 1041	∞
	50% or less	17	1176		20.0	abt. 1470	360
	25% or less	24	1667		40.0	abt. 2084	32
	10% or less	37.9	2639		100.0	abt. 3299	8
SMT-2551L24A	100% Continuous	24	417	57.6	10.0	abt. 1109	∞
	50% or less	33.9	590		20.0	abt. 1569	360
	25% or less	48	833		40.0	abt. 2216	32
	10% or less	75.9	1318		100.0	abt. 3506	8
SMT-2551L48A	100% Continuous	48	208	230.4	10.0	abt. 1090	∞
	50% or less	67.9	295		20.0	abt. 1541	360
	25% or less	96	417		40.0	abt. 2180	32
	10% or less	151.8	659		100.0	abt. 3447	8

CHARACTERISTICS (Typical data at 20℃)

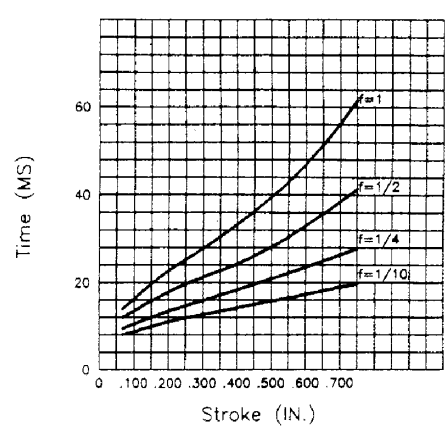
f=Duty Cycle

Force vs Stroke, Typical, 20°C

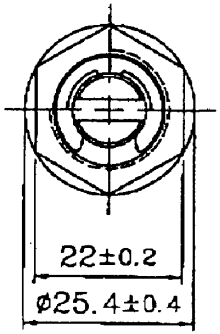


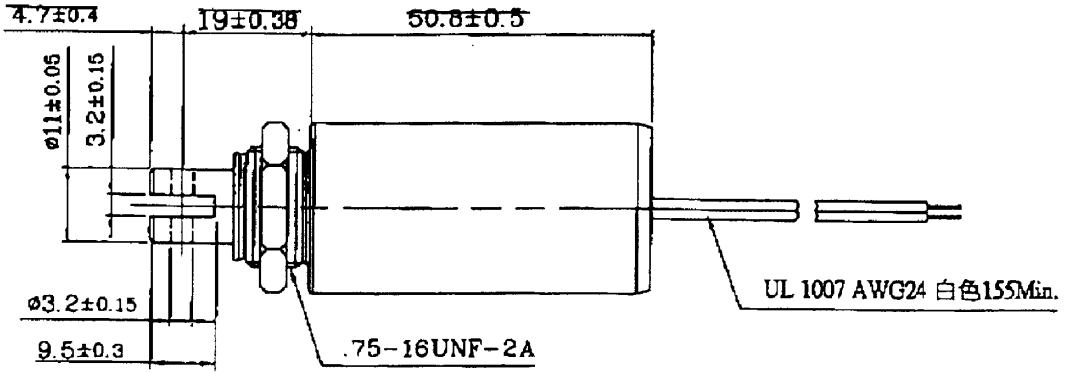
Holding Force 4.0 LBS. At 20°C

Typical Speed No Load, 20°C



To Give You a Low Friction Coefficient and Long Wear the Plungers of Our Solenoids are Electroless Nickel Plated.


22±0.2
ø25.4±0.4


4.7±0.4
19±0.38
50.8±0.5
ø11±0.05
3.2±0.15
ø3.2±0.15
9.5±0.3
.75-16UNF-2A
UL 1007 AWG24 白色155Min.